

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Charles S. Neer, Frank M. Fago, Paul E.  
Dieterlen, James H. Goethel

Atty. Docket: L-F / 106DV3

Title: METHOD AND APPARATUS OF INJECTING FLUID INTO ANIMALS AND  
DISPOSABLE FRONT LOADABLE SYRINGE THEREFORE

19270 U.S. PTO  
10/730302



**CERTIFICATE OF MAILING BY EXPRESS MAIL - 37 CFR 1.10**

'Express Mail' mailing label number: EV355034086US

Date of Deposit: December 8, 2003

I certify that this paper or fee (along with the enclosures noted herein) is being deposited with the United States Postal Service 'Express Mail Post Office to Addressee' service under 37 CFR 1.10 on the above date and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kenneth Eads  
By: Kenneth Eads (person mailing paper)

**UTILITY PATENT APPLICATION TRANSMITTAL**

*Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450*

This is a request for filing, under 37 CFR § 1.53(b), a(n):

- ☐ Original (non-provisional) application.
- ☒ **Divisional of prior application Serial No. 09/970,289, filed on October 2, 2001 now allowed, which is a divisional of Continued Prosecution Application filed on April 14, 1999, of prior application Serial No. 08/924,017, filed on August 29, 1997, now U.S. Patent No. 6,315,758, which is a continuation of Serial No. 08/455,984 filed May 31, 1995, now U.S. Patent No. 5,738,659, which is a continuation of Serial No. 08/158,765 filed November 30, 1993, now U.S. Patent No. 5,456,669, which is a divisional of Serial No. 07/881,782 filed May 11, 1992, now U.S. Patent No. 5,279,569, which is a divisional of Serial No. 07/712,110 filed June 7, 1991, now U.S. Patent No. 5,300,031.**
- ☐ Continuation of prior application Serial No. \_\_, filed on \_\_.
- ☐ Continuation-in-part of prior application Serial No. \_\_, filed on \_\_.

For Divisional and Continuation applications ONLY:

- ☒ **Copy of Executed Declaration, Power of Attorney and Petition Form from parent application is enclosed (as noted below in Enclosures).**
- ☒ **Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied herewith, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.**

For all Divisional, Continuation and Continuation-in-part applications:

- ☐ Small Entity Status was requested in the prior application, and small entity status is still proper and desired.
- ☒ **This application is assigned to Liebel-Flarsheim Company of 2111 East Galbraith Road, Cincinnati, OH 45237 by virtue of an earlier assignment filed in the prior application at Reel 5735, Frame 871.**

# **PRELIMINARY AMENDMENT/CALCULATION OF FEES**

- ☐ Please cancel claims    without prejudice, and prior to calculating the fees.    total claim(s), of which    is(are) independent, is(are) pending after the amendment.
- ☒ **Please enter the enclosed preliminary amendment identified below prior to calculating the fees.**  
  1   total claim, of which   1   is independent, is pending after the amendment.
- ☐ Small Entity Status is Requested
- ☒ **The Fees are Calculated as Follows:**

Fee:	Number of Claims:	In Excess of:	Extra:	At Rate:	Amount:
Total Claims	1	20	0	\$18	\$0.00
Independent Claims	1	3	0	\$86	\$0.00
MULTIPLE DEPENDENT CLAIM FEE					
BASIC FEE					\$770.00
TOTAL OF ABOVE CALCULATIONS					\$770.00
REDUCTION BY 50% FOR FILING BY SMALL ENTITY					
<b>TOTAL</b>					<b>\$770.00</b>

## **ENCLOSURES**

- ☒ **Utility Patent Application Transmittal Form (in duplicate) containing Certificate of Mailing By Express Mail Under 37 CFR 1.10.**
- ☒ **Return Postcard.**

### APPLICATION PAPERS

- ☒ **Utility Patent Application, with: cover sheet,  87  page(s) specification (including  89  total claim(s), of which  15  is(are) independent, and  1  page(s) abstract).**
- ☒ **Drawings:  11  sheet(s) of formal drawings ( 18  total figure(s)).**
- ☐ Microfiche Computer Program (Appendix).
- ☐ Nucleotide and/or Amino Acid Sequence, including (all are necessary): Computer Readable Copy, Paper Copy (identical to computer copy), and Statement verifying identity of copies.
- ☐ An    Declaration, Power of Attorney and Petition Form.
- ☒ **Copy of Executed Declaration, Power of Attorney and Petition Form from prior application identified above.**
- ☐ Certified Copy of priority document(s) identified as attached above.

### ADDITIONAL PAPERS

- ☐ Assignment to   , Recordation Cover Sheet (Form PTO-1595)
- ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i)
- ☒ **Preliminary Amendment (to be entered prior to calculation of fees)**
- ☒ **Information Disclosure Statement,  5  sheet(s) Form PTO-1449,  0  U.S. Patent Reference(s),  0  Foreign Patent Reference(s) and  0  Other Reference(s)**
- ☐ Other:

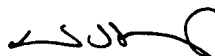
CHECKS

- ☒ A Check of \$770.00 for the filing fee.
- ☐ A Check of     for the assignment recording fee.

**DEPOSIT ACCOUNT AUTHORIZATION**

- ☐ Please charge Deposit Account No. 23-3000 in the amount of    .
- ☒ The Commissioner is authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 23-3000 . A duplicate of this transmittal is attached.
- ☐ THE PAYMENT OF FEES IS BEING DEFERRED.
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Respectfully Submitted,



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Thomas W. Humphrey  
Reg. No. 34,353

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